Test Name	Video Sequences	Frame rate (fps)	Target rate (R kbps)	TMN8 (kbps)	The Invention (kbps)
fmn48	"foreman"	10	48	48. 19	48. 04
fmn64	"foreman"	10	64	63. 76	64. 06
fmn112	"foreman"	10	112	109. 9	112. 11
mad24	"m&d"	10	24	24. 16	24. 0
mad48	"m&d"	10	48	48. 24	48. 04
news48	" news "	10	48	48. 32	48. 03
si148	"silent"	10	48	48. 01	48. 05
si 164	"silent"	10	64	63. 59	64. 04
sale64	"salesman"	10	64	62. 75	64. 05

## TABLE 1

Total Frames	TMN8 #Frames Skipped	The Invention #Frames Skipped	TMN8 PSNR(dB)	The Invention PSNR(dB)	Gain in PSNR(dB)
100	0	0	28. 52	28. 91	+0.39
100	0	0	29. 82	30. 28	+0.46
100	0	0	32. 41	32. 98	+0.57
100	5	0	31.31	31.66	+0.35
100	0	0	34. 78	35. 41	+0.63
	0	0	31.96	32.66	+0. 70
	0	0	31. 25	32.61	+1.36
		0	32. 83	34. 39	+1.56
		0	34. 90	36. 10	+1.20
	100 100 100	Total Frames Skipped 100 0 100 0 100 5 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	Total Frames         #Frames Skipped         #Frames Skipped           100         0         0           100         0         0           100         0         0           100         5         0           100         0         0           100         0         0           100         0         0           100         0         0           100         0         0	Total Frames         #Frames Skipped         #Frames Skipped         PSNR(dB)           100         0         0         28.52           100         0         0         29.82           100         0         0         32.41           100         5         0         31.31           100         0         0         34.78           100         0         0         31.96           100         0         0         32.83           100         0         0         32.83	Total Frames         #Frames Skipped         #Frames Skipped         PSNR(dB)         PSNR(dB)           100         0         0         28.52         28.91           100         0         0         29.82         30.28           100         0         0         32.41         32.98           100         5         0         31.31         31.66           100         0         0         34.78         35.41           100         0         0         31.96         32.66           100         0         0         31.25         32.61           100         0         0         32.83         34.39

TABLE 2

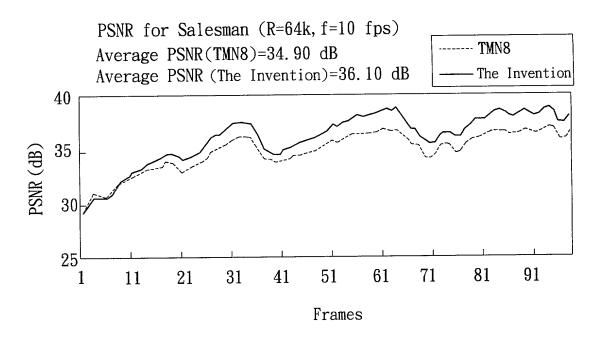


FIG. 1(a)

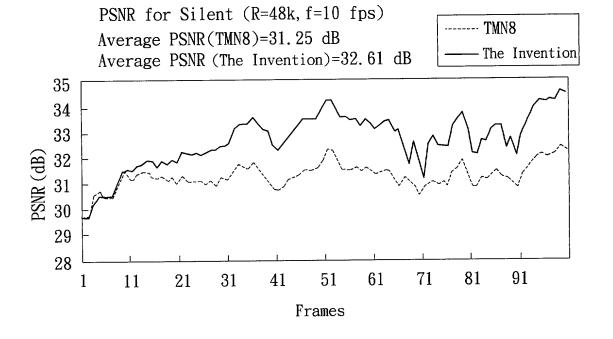
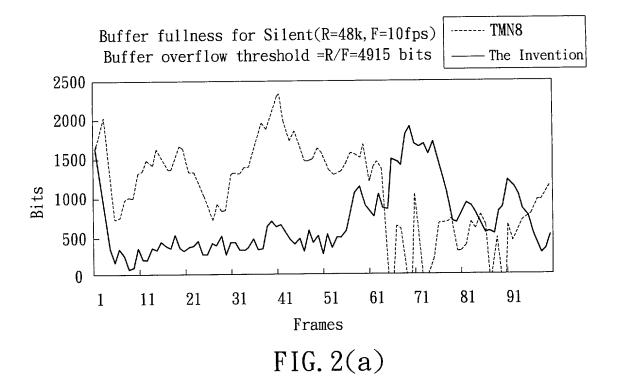
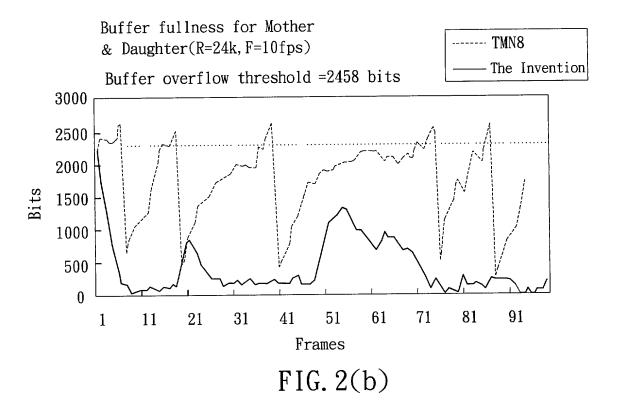
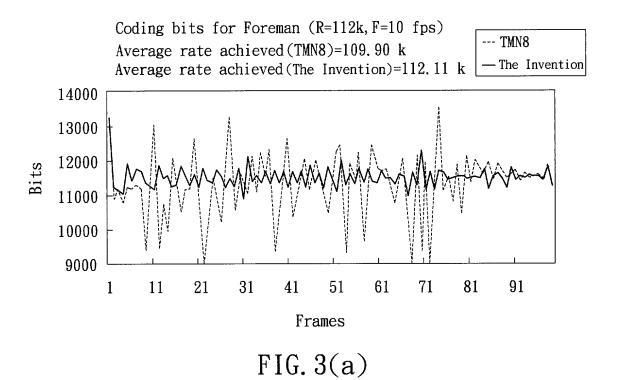


FIG. 1(b)







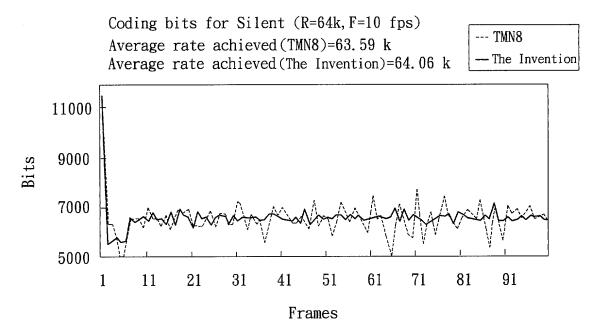


FIG. 3(b)